RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/511,632
Source: PCT
Date Processed by STIC: 10-26-04

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PCT

RAW SEQUENCE LISTING DATE: 10/26/2004
PATENT APPLICATION: **US/10/511,632** TIME: 17:36:19

Input Set : **A:\Q84294 Sequence Listing.txt**
Output Set: **N:\CRF4\10262004\J511632.raw**

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      3 <110> APPLICANT: Taisho Pharmaceutical Co., Ltd.
      4       IKEDA, Akiko
      5       SHINONAGA, Hideki
      6       FUJIMOTO, Natsuko
      7       KASAI, Yoko
      9 <120> TITLE OF INVENTION: HAIR GROWTH TONIC
     11 <130> FILE REFERENCE: Q84294
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/511,632
C--> 13 <141> CURRENT FILING DATE: 2004-10-18
     13 <150> PRIOR APPLICATION NUMBER: PCT/JP03/04884
     14 <151> PRIOR FILING DATE: 2003-04-17
     16 <150> PRIOR APPLICATION NUMBER: JP 2002-115529
     17 <151> PRIOR FILING DATE: 2002-04-17
     19 <160> NUMBER OF SEQ ID NOS: 61
     21 <170> SOFTWARE: PatentIn version 3.3
     23 <210> SEQ ID NO: 1
     24 <211> LENGTH: 365
     25 <212> TYPE: PRT
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     39         35                  40                  45
     42 Gly Ala Gln Pro Leu Cys Ser Gln Leu Ala Gly Leu Ser Gln Gly Gln
     43     50                  55                  60
     46 Lys Lys Leu Cys His Leu Tyr Gln Asp His Met Gln Tyr Ile Gly Glu
     47 65                  70                  75                  80
     50 Gly Ala Lys Thr Gly Ile Lys Glu Cys Gln Tyr Gln Phe Arg His Arg
     51                 85                  90                  95
     54 Arg Trp Asn Cys Ser Thr Val Asp Asn Thr Ser Val Phe Gly Arg Val
     55             100                 105                 110
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     59         115                 120                 125
     62 Ala Gly Val Val Asn Ala Met Ser Arg Ala Cys Arg Glu Gly Glu Leu
     63     130                 135                 140
     66 Ser Thr Cys Gly Cys Ser Arg Ala Ala Arg Pro Lys Asp Leu Pro Arg
     67 145                 150                 155                 160
     70 Asp Trp Leu Trp Gly Gly Cys Gly Asp Asn Ile Asp Tyr Gly Tyr Arg
     71                 165                 170                 175
     74 Phe Ala Lys Glu Phe Val Asp Ala Arg Glu Arg Glu Arg Ile His Ala
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79          195                 200                 205
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83      210                 215                 220
86 Cys His Gly Val Ser Gly Ser Cys Ser Leu Lys Thr Cys Trp Leu Gln
87 225                 230                 235                 240
90 Leu Ala Asp Phe Arg Lys Val Gly Asp Ala Leu Lys Glu Lys Tyr Asp
91                  245                 250                 255
94 Ser Ala Ala Ala Met Arg Leu Asn Ser Arg Gly Lys Leu Val Gln Val
95              260                 265                 270
98 Asn Ser Arg Phe Asn Ser Pro Thr Thr Gln Asp Leu Val Tyr Ile Asp
99          275                 280                 285
102 Pro Ser Pro Asp Tyr Cys Val Arg Asn Glu Ser Thr Gly Ser Leu Gly
103     290                 295                 300
106 Thr Gln Gly Arg Leu Cys Asn Lys Thr Ser Glu Gly Met Asp Gly Cys
107 305                 310                 315                 320
110 Glu Leu Met Cys Cys Gly Arg Gly Tyr Asp Gln Phe Lys Thr Val Gln
111                 325                 330                 335
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142 ggaaggaggc agcgcctggc accagggctt tgactcaaca gaattgagac acgtttgtaa    480
144 tcgctggcgt gccccgcgca caggatccca gcgaaaatca gatttcctgg tgaggttgcg    540
146 tgggtggatt aatttggaaa aagaaactgc ctatatcttg ccatcaaaaa actcacggag    600
148 gagaagcgca gtcaatcaac agtaaactta agagaccccc gatgctcccc tggtttaact    660
150 tgtatgcttg aaaattatct gagagggaat aaacatcttt tccttcttcc ctctccagaa    720
152 gtccattgga atattaagcc caggagttgc tttggggatg gctggaagtg caatgtcttc    780
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156 caattcttgg tggtcgctag gtatgaataa ccctgttcag atgtcagaag tatatattat    900
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160 ccacttgtat caggaccaca tgcagtacat cggagaaggc gcgaagacag gcatcaaaga   1020
162 atgccagtat caattccgac atcgacggtg gaactgcagc actgtggata acacctctgt   1080
164 ttttggcagg gtgatgcaga taggcagccg cgagacggcc ttcacatacg ccgtgagcgc   1140
166 agcaggggtg gtgaacgcca tgagccgggc gtgccgcgag ggcgagctgt ccacctgcgg   1200
168 ctgcagccgc gccgcgcgcc ccaaggacct gccgcgggac tggctctggg gcggctgcgg   1260
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178 tgatgccctg aaggagaagt acgacagcgc ggcggccatg cggctcaaca gccggggcaa 1560
180 gttggtacag gtcaacagcc gcttcaactc gcccaccaca caagacctgg tctacatcga 1620
182 ccccagccct gactactgcg tgcgcaatga gagcaccggc tcgctgggca cgcagggccg 1680
184 cctgtgcaac aagacgtcgg agggcatgga tggctgcgag ctcatgtgct gcggccgtgg 1740
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194 ttttttcctg ttaccatcta agaactctgt ggtttattat taatattata attattattt 2040
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204 ttcagcttct atgaccaaaa tgagttgtaa attctctggt gcaagataaa aggtcttggg 2340
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208 cattttcaaa atgataattt acaatggaag gacaagaatg tcatattctc aaggaaaaaa 2460
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272 gtcttgcgtg atttgtatat ttcactggtt taaaaaacaa acatcgaaag gcttattcca   4380
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280 <213> ORGANISM: HOMO SAPIENS
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287 ttaccctggg gttgacagtc tcgccagagg tctcatttca tactgtcttt tcggatctga    180
289 tcctcttggt aaacaggcgg ggatgtttta ccctacagag ccgatgtatg tgtgagttcg    240
291 ctgtgagttc tttgagtgtc tcaaacttgt ggggcctttt ctcggttgca ctgggattga    300
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297 cagggagacc caagtcttgg tgaccggatg ggcccgctct cagttggcct gggctctggg    480
299 aactggtgga ctctccctgg gggcttcggg ctgggagtgg gttcggtttg tgtggcttcg    540
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353 tcggagctgc atttcccagc tgggcactct cgcgcgctgg tccccggggc ctcgcccccc   2160
355 acccccctgcc cttccctccc gcgtcctgcc cccatcctcc acccccccgcg ctggccaccc   2220
357 cgcctccttg gcagcctctg gcggcagcgc gctccactcg cctcccgtgc tcctctcgcc   2280
359 catggaatta attctggctc cacttgttgc tcggcccagg ttggtgagag gacggagggt   2340
361 gcccacagcg ggttcctgag tgaattaccc aggagggact gagcacagca ccaactagag   2400
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381 Cys Gln Glu Ile Thr Val Pro Met Cys Arg Gly Ile Gly Tyr Asn Leu
382 35 40 45
385 Thr His Met Pro Asn Gln Phe Asn His Asp Thr Gln Asp Glu Ala Gly
386 50 55 60
389 Leu Glu Val His Gln Phe Trp Pro Leu Val Glu Ile Gln Cys Ser Pro
390 65 70 75 80
393 Asp Leu Arg Phe Phe Leu Cys Thr Met Tyr Thr Pro Ile Cys Leu Pro
394 85 90 95
397 Asp Tyr His Lys Pro Leu Pro Pro Cys Arg Ser Val Cys Glu Arg Ala
398 100 105 110
401 Lys Ala Gly Cys Ser Pro Leu Met Arg Gln Tyr Gly Phe Ala Trp Pro
402 115 120 125
405 Glu Arg Met Ser Cys Asp Arg Leu Pro Val Leu Gly Arg Asp Ala Glu
406 130 135 140
409 Val Leu Cys Met Asp Tyr Asn Arg Ser Glu Ala Thr Thr Ala Pro Pro
410 145 150 155 160
413 Arg Pro Phe Pro Ala Lys Pro Thr Leu Pro Gly Pro Pro Gly Ala Pro
414 165 170 175
417 Ala Ser Gly Gly Glu Cys Pro Ala Gly Gly Pro Phe Val Cys Lys Cys
418 180 185 190
421 Arg Glu Pro Phe Val Pro Ile Leu Lys Glu Ser His Pro Leu Tyr Asn
422 195 200 205
425 Lys Val Arg Thr Gly Gln Val Pro Asn Cys Ala Val Pro Cys Tyr Gln
426 210 215 220
429 Pro Ser Phe Ser Ala Asp Glu Arg Thr Phe Ala Thr Phe Trp Ile Gly
430 225 230 235 240
433 Leu Trp Ser Val Leu Cys Phe Ile Ser Thr Ser Thr Thr Val Ala Thr
434 245 250 255
437 Phe Leu Ile Asp Met Asp Thr Phe Arg Tyr Pro Glu Arg Pro Ile Ile
438 260 265 270
441 Phe Leu Ser Ala Cys Tyr Leu Cys Val Ser Leu Gly Phe Leu Val Arg
442 275 280 285
445 Leu Val Val Gly His Ala Ser Val Ala Cys Ser Arg Glu His Asn His
446 290 295 300
449 Ile His Tyr Glu Thr Thr Gly Pro Ala Leu Cys Thr Ile Val Phe Leu
450 305 310 315 320
453 Leu Val Tyr Phe Phe Gly Met Ala Ser Ser Ile Trp Trp Val Ile Leu
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VERIFICATION SUMMARY DATE: 10/26/2004
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